Abstract

A focusing method for a moving object that involves using a gray histogram and a histogram projection drawing to analyze the serial images taken by a photographic instrument,

5   taking a pattern from the images of the serial images, comparing every image of the serial images by means of pattern matching, and eventually generating a new pattern. Given the patterns and the updated patterns that are in sequential order, discrepancies between a pattern and an updated pattern can be found by comparison so as to acquire the information about the dynamic movement of the moving object.

10